## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

$\frac{3}{2}$	IN THE UNIT	ED STATES PATEN	I AND IRADEMAKI	COFFIC	Ł	
OLIFF & BERRIDGE,	PLC		Attorney Docket No.:	104820.0	1	
—P.O. Box 19928 ••Alexandria, Virginia ••Telephone: (703) 830			Date:	Novembe	er 5, 2003	
Facsimile: (703) 836			*****			
Customer Number:	25944		MAIL STOP PATI	ENT APPI	<u>LICATION</u>	
Commissioner for Pate	entc	C	ONTINUING APPLIC	ATION T 1.53(b)	TRANSMIT T	Γ <b>AL</b>
P.O. Box 1450			KOLE	1.55(b)		O
Alexandria, VA 2231	3-1450					<sup>22241</sup> U.S. PT 10/700621
Sir:						5.0 00 00
Transmitted herewith	_				_	7/2 2/7/
<del>_</del>	ntinuation	☑ Divisional		uation-in-l	Part	222 1(
application of prior pe						
For (Title):	,		C EQUIPMENT, AND		ING SYSTEM	<u> 1</u>
By (Inventors):		• • • • • • • • • • • • • • • • • • • •	JDO and Yoichi HIJIKA			
_		•	ed. The attached Declar of Attorney from the part			•
∠ a.	same or fewer i	nventors and (a) a cop	y of the prior application	ı or (b) a r	evised, reforr	
			that does not contain no			
b.			rney. (Used with the sar , (b) a revised, reformate			
. 57	application that	does not contain new	matter, or (c) a new spec			•
2.  \times The filin	ng fee is calculate	ed below:				
CLAIMS IN THE AI			•		OTHER 7	PYY A NT. A
ANT FRELIMINAR	AMENDMEN	NT NOTED BELOW	SMALL ENTITY		OTHER T	
FOR:	NO. FILED	NO. EXTRA	RATE FEE	<u>OR</u>	RATE	FEE
BASIC FEE		+ 10 - 27	\$ 385	<u>OR</u>		\$ 770
TOTAL CLAIMS	25 - 20	= *5 ·	x 9= \$	<u>OR</u>	x 18	\$90
INDEP CLAIMS	3 - 3	= *0	x 43 = \$	<u>OR</u>	x 86	\$
☐ MULTIPLE DEP	☐ MULTIPLE DEPENDENT CLAIMS PRESENTED			<u>OR</u>	+290	\$
* If the difference i	s less than zero,	enter "0".	TOTAL \$	<u>OR</u>	TOTAL	\$860
hereby a	uthorized to char	rge any other fees that	ver the filing fee is attac may be required to com	plete this f	iling, or to cr	edit any
	ment, to Deposit		. Two duplicate copies	or this she	et are attached	3.
·		13C) are attached.				
Use Fig	ure for fro	ont page of Publication				
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AUTHORIZATION
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necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Rule 53(b) Continuing Application of U.S. Application No. 09/424,718 Filed February 4, 2000

6.		Priority of foreign application No. <u>JP 10-103719</u> filed <u>March 31, 1998</u> in <u>Japan</u> is claimed under 35 U.S.C. §119 and/or §365(b).			
		The certified copy was filed in prior Application No on			
		A certified copy of the above foreign application(s) is filed herewith.			
7.		Priority of U.S. Provisional Application(s) No filed is claimed under 35 U.S.C. §119.			
		(A Preliminary Amendment is attached to reflect the claim of benefit in the specification if not already present.)			
8.	$\boxtimes$	The prior application is assigned of record to <u>Seiko Epson Corporation</u> , <u>Tokyo</u> , <u>Japan</u> and recorded at Reel <u>010666</u> , Frame <u>0092</u> .			
9.		This application is filed by fewer than all the inventors named in the prior application (37 C.F.R §1.53(b)(1)). Delete the following inventor(s) named in the prior application:			
10.	$\boxtimes$	A Preliminary Amendment is attached. The Preliminary Amendment amends the specification to reflect the continuation data. Claims added by this Amendment are properly numbered consecutively beginning with the number next following the highest numbered claim in the application and claims canceled are identified in the listing of claims.			
11.	$\boxtimes$	An Information Disclosure Statement is attached.			
12.		Small entity status:			
		a. Entitlement to small entity status is asserted.			
		b. Small entity status is no longer claimed.			
13.		Other:			
14.		This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.			
15.	$\boxtimes$	The power of attorney in the application is to James A. Oliff, Registration No. 27,075, William P. Berridge, Registration No. 30,024, Kirk M. Hudson, Registration No. 27,562, Thomas J. Pardini, Registration No. 30,411, Edward P. Walker, Registration No. 31,450, Robert A. Miller, Registration No. 32,771 and Mario A. Costantino.			
		a. The power appears in the attached Declaration and Power of Attorney.			
		b. Since the power does not appear in the attached Declaration and Power of Attorney, a substitute Power of Attorney is also attached.			
16.	$\boxtimes$	Address all future communications to:			
		OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320			
		Respectfully submitted,			

James A. Oliff Registration No. 27,075

Jon F. Hadidi

Registration No. 46,427

JAO:JFH/ale

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC	Attorney Docket No.: 104820.01			
P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 Facsimile: (703) 836-2787	Date:	November	r 5, 2003	
Customer Number: 25944	MAIL STOP PAT	ENT APPL	<u>ICATION</u>	
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	CONTINUING APPLI RUL	CATION T E 1.53(b)	RANSMIT	ΓAL
Sir:				
Transmitted herewith for filing under 37	C.F.R. §1.53(b) is a			
☐ Continuation	☑ Divisional ☐ Conti	nuation-in-P	art	
application of prior pending Application	No. 09/424,718, filed February 4, 2000,			
For (Title): MICROCOMPU	JTER, ELECTRONIC EQUIPMENT, AND	DEBUGGI	NG SYSTE	<u>M</u>
By (Inventors): Yoshiyuki MIYA	AYAMA, Makoto KUDO and Yoichi HIJIK	ATA		
<ul> <li>1.</li></ul>				
CLAIMS IN THE APPLICATION AFTER ENTRY OF  ANY PRELIMINARY AMENDMENT NOTED BELOW  SMALL ENTITY  SMALL ENTITY				
FOR: NO. FILED	NO. EXTRA RATE FEE	OR	RATE	FEE
BASIC FEE	\$ 385	OR		\$ 770
TOTAL CLAIMS 25 - 20	= *5 x 9 = \$	<u>OR</u>	x 18	\$90
INDEP CLAIMS 3 - 3	= *0 x 43 = \$	OR	x 86	\$
MULTIPLE DEPENDENT CLAIN	MS PRESENTED +145 = \$	OR	+290	\$
* If the difference is less than zero, e	nter "0". TOTAL \$	OR	TOTAL	\$860
<ul> <li>Check No. 147982 in the amount of \$860 to cover the filing fee is attached. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.</li> <li>Application Data Sheet is attached.</li> <li>Formal drawings (Figs. 1-13C) are attached.</li> <li>Use Figure for front page of Publication.</li> </ul>				
DEPOSIT ACCOUNT USE AUTHORIZATION	]			

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AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Rule 53(b) Continuing Application of U.S. Application No. 09/424,718 Filed February 4, 2000

6.	$\boxtimes$	Priority of foreign application No. <u>JP 10-103719</u> filed <u>March 31, 1998</u> in <u>Japan</u> is claimed under 35 U.S.C. §119 and/or §365(b).
		The certified copy was filed in prior Application No on
		A certified copy of the above foreign application(s) is filed herewith.
7.		Priority of U.S. Provisional Application(s) No filed is claimed under 35 U.S.C. §119.
		(A Preliminary Amendment is attached to reflect the claim of benefit in the specification if not already present.)
8.	$\boxtimes$	The prior application is assigned of record to <u>Seiko Epson Corporation</u> , <u>Tokyo</u> , <u>Japan</u> and recorded at Reel <u>010666</u> , Frame <u>0092</u> .
9.		This application is filed by fewer than all the inventors named in the prior application
		(37 C.F.R §1.53(b)(1)). Delete the following inventor(s) named in the prior application:
10.	$\boxtimes$	A Preliminary Amendment is attached. The Preliminary Amendment amends the specification to reflect the continuation data. Claims added by this Amendment are properly numbered consecutively beginning with the number next following the highest numbered claim in the application and claims canceled are identified in the listing of claims.
11.	$\boxtimes$	An Information Disclosure Statement is attached.
12.	$\overline{\Box}$	Small entity status:
		a. Entitlement to small entity status is asserted.
		b. Small entity status is no longer claimed.
13.		Other:
14.		This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
15.		The power of attorney in the application is to James A. Oliff, Registration No. 27,075, William P. Berridge, Registration No. 30,024, Kirk M. Hudson, Registration No. 27,562, Thomas J. Pardini, Registration No. 30,411, Edward P. Walker, Registration No. 31,450, Robert A. Miller, Registration No. 32,771 and Mario A. Costantino.
		a. The power appears in the attached Declaration and Power of Attorney.
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		OLIFF & BERRIDGE, PLC

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320

Respectfully submitted,

James A. Oliff Registration No. 27,075

Jon F. Hadidi

Registration No. 46,427

JAO:JFH/ale

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC			Attorney Docket No.: 104820.01				
P.O. Box 19928 Alexandria, Virgin Telephone: (703)	836-6400			Date: N	ovember	5, 2003	
Facsimile: (703) 8  Customer Number			MAIL STO	P PATEN	T APPL	<u>ICATION</u>	
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		C	CONTINUING APPLICATION TRANSMITTAL RULE 1.53(b)				
Sir:							
Transmitted herewi	th for filing under 3	7 C.F.R. §1.53(b) is a	ı				
	Continuation	□ Divisional		] Continua	tion-in-P	art	
application of prior	pending Application	on No. <u>09/424,718,</u> file	ed February 4, 2	<u>000</u> ,			
For (Title):	MICROCOME	UTER, ELECTRONI	C EQUIPMEN	Γ, AND DE	BUGGI	NG SYSTEM	<u> </u>
By (Inventors):	Yoshiyuki MI	YAYAMA, Makoto K	UDO and Yoich	i HIJIKAT.	Α		
<u> </u>	claration and Powe	r of Attorney is attach	ed The attache	d Declaration	on and P	ower of Atto	mev is:
		Declaration and Power					•
		inventors and (a) a cor					
•		of the prior application				, 101011	
	b. A new Declarat	ion and Power of Atto	orney. (Used wi	th the same	fewer o	r additional	inventors
	and (a) a copy	of the prior application	n, (b) a revised,	reformatted	or edite		
	application that	does not contain new	matter, or (c) a	new specifi	cation.)		
2.	iling fee is calculat	ed below:					
CLAIMS IN THE	ADDI ICATIONI A	FTER ENTRY OF					
		NT NOTED BELOW				OTHER 7	ΓΗΑΝ Α
			SMALL	ENTITY	-	SMALL I	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE
BASIC FEE			7.5	¢ 205	0.70		¢ 770
TOTAL CLAIMS				\$ 385	<u>OR</u>	7.5	\$ 770
TOTAL CLAIMS	25 - 20	= *5	x 9=	\$ 383	OR OR	x 18	\$90
INDEP CLAIMS	25 - 20 3 - 3	= *5	x 9 = x 43 =				
INDEP CLAIMS	3 - 3			\$	<u>OR</u>	x 18	\$90
INDEP CLAIMS  MULTIPLE I	3 - 3	= *0 IMS PRESENTED	x 43 =	\$	OR OR	x 18 x 86	\$90 \$
INDEP CLAIMS  MULTIPLE I	3 - 3 EPENDENT CLA	= *0 IMS PRESENTED	x 43 = +145 =	\$ \$ \$	OR OR OR	x 18 x 86 +290	\$90 \$ \$
INDEP CLAIMS  MULTIPLE II  * If the different	3 - 3 EPENDENT CLA	= *0 IMS PRESENTED	x 43 = +145 = TOTAL	\$ \$ \$	OR OR OR OR	x 18 x 86 +290 TOTAL	\$90 \$ \$ \$
INDEP CLAIMS  MULTIPLE II  * If the different  3.	3 - 3 EPENDENT CLA ce is less than zero, k No. 147982 in the y authorized to cha	= *0  IMS PRESENTED  enter "0".  e amount of \$860 to corge any other fees that	x 43 =  +145 =  TOTAL  ever the filing fet may be require	\$ \$ \$ \$ e is attached to complete	OR OR OR OR OR OR the General contents of the	x 18 x 86 +290 TOTAL Commissionelling, or to cr	\$90 \$ \$ \$860 er is edit any
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* If the difference over 4. Appl	3 - 3 EPENDENT CLA ce is less than zero, k No. 147982 in the y authorized to cha	= *0  IMS PRESENTED enter "0".  e amount of \$860 to corge any other fees that Account No. 15-0461	x 43 =  +145 =  TOTAL  ever the filing fet may be require	\$ \$ \$ \$ e is attached to complete	OR OR OR OR OR OR the General contents of the	x 18 x 86 +290 TOTAL Commissionelling, or to cr	\$90 \$ \$ \$860 er is edit any
* If the difference over 14. Appl	3 - 3 EPENDENT CLA The is less than zero,  k No. 147982 in the try authorized to chase a syment, to Deposit fication Data Sheet is	= *0  IMS PRESENTED enter "0".  e amount of \$860 to corge any other fees that Account No. 15-0461	x 43 =  +145 =  TOTAL  ever the filing fet may be require	\$ \$ \$ \$ e is attached to complete	OR OR OR OR OR OR the General contents of the	x 18 x 86 +290 TOTAL Commissionelling, or to cr	\$90 \$ \$ \$860 er is edit any
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* If the difference over 4. Appl 5. Form	3 - 3 EPENDENT CLA ce is less than zero, k No. 147982 in the y authorized to cha ayment, to Deposit ication Data Sheet al drawings (Figs.	= *0  IMS PRESENTED enter "0".  e amount of \$860 to corge any other fees that Account No. 15-0461 s attached.  I-13C) are attached.	x 43 =  +145 =  TOTAL  ever the filing for the transport of the transport	\$ \$ \$ \$ e is attached to complete	OR OR OR OR OR OR the General contents of the	x 18 x 86 +290 TOTAL Commissionelling, or to cr	\$90 \$ \$ \$860 er is edit any
* If the difference over 4. Appl 5. S Form Use 1	3 - 3 EPENDENT CLA ce is less than zero, k No. 147982 in the y authorized to cha ayment, to Deposit ication Data Sheet al drawings (Figs.	= *0  IMS PRESENTED enter "0".  e amount of \$860 to corge any other fees that Account No. 15-0461 s attached.  I-13C) are attached.	x 43 =  +145 =  TOTAL  ever the filing for the transport of the transport	\$ \$ \$ \$ e is attached to complete	OR OR OR OR OR OR the General contents of the	x 18 x 86 +290 TOTAL Commissionelling, or to cr	\$90 \$ \$ \$860 er is edit any

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		Respectfully submitted
		fle from
		James A. Oliff
		Registration No. 27,075

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